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To:	FACSIMILE NO.:	TELEPHONE NO.:
MAIL STOP AF Commissioner for Patents P.O. BOX 1450 Alexandria, VA 22313-1450	(703) 872-9306	

FROM:	Bernard L. Kleinke, Esq.
RE:	Applicant: Baudenbacher, et al. Title: SUPERCONDUCTING QUANTUM INTERFERENCE APPARATUS AND METHOD FOR HIGH RESOLUTION IMAGING OF SAMPLES Appl. No.: 10/650,263 Filing Date: August 27, 2003 Examiner: Kenneth J. Whittington Art Unit: 2862
FILE NO.	9278-100
DATE:	July 19, 2005

DESCRIPTION OF DOCUMENT, COMMENT OR SPECIAL INSTRUCTIONS:
<ol style="list-style-type: none"> 1. Reply and Amendment (17 pages) 2. Information Disclosure Statement Under 37 CFR §1.56 (3 pages) 3. Information Disclosure Statement By Application (1 page) 4. Cited Prior Art (15 pages) 5. Credit Card Payment Form (1 page)
NUMBER OF PAGES SENT: 38 (including cover sheet)

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App. No. App. No. 10/650,263
Amdt. Dated July 19, 2005
Reply to Office Action of May 19, 2005
Atty. Dkt. No. 9278-100 (formerly 9129-111)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Baudenbacher, et al.

Title: SUPERCONDUCTING QUANTUM
INTERFERENCE APPARATUS AND
METHOD FOR HIGH RESOLUTION
IMAGING OF SAMPLES

Appl. No.: 10/650,263

Filing Date: August 27, 2003

Examiner: Kenneth J. Whittington

Art Unit: 2862

<p align="center">CERTIFICATE OF MAILING BY FACSIMILE</p> <p>Date of Deposit: July 19, 2005</p> <p>I hereby certify that this correspondence is being facsimile transmitted on the date indicated above to the United States Patent and Trademark Office, MAIL STOP AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, at telephone No. 703-872-9306.</p> <hr/> <p align="right">Bernard L. Kelnke (Printed Name)</p> <p align="right"><i>Bernard L. Kelnke</i> (Signature)</p>

REPLY AND AMENDMENT

MAIL STOP AF
Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of May 19, 2005, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 3 of this paper.

Remarks/Arguments begin on page 10 of this paper.